

Title (en)

RESIN COMPOSITION FOR SEALING ELECTRONIC CONTROL DEVICE, ELECTRONIC CONTROL DEVICE, AND METHOD FOR MANUFACTURING SAME

Title (de)

HARZZUSAMMENSETZUNG ZUR ABDICHTUNG EINER ELEKTRONISCHEN STEUERVORRICHTUNG, ELEKTRONISCHE STEUERVORRICHTUNG UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

COMPOSITION DE RÉSINE POUR SCELLER UN DISPOSITIF DE COMMANDE ÉLECTRONIQUE, DISPOSITIF DE COMMANDE ÉLECTRONIQUE ET SON PROCÉDÉ DE FABRICATION

Publication

EP 3614425 A1 20200226 (EN)

Application

EP 18787536 A 20180306

Priority

- JP 2017083588 A 20170420
- JP 2018008504 W 20180306

Abstract (en)

A resin composition for sealing an electronic control device, which contains (A) at least one type of thermosetting resin selected from among an unsaturated polyester resin and a vinyl ester resin, (B) a polymerizable unsaturated compound, (C) an inorganic filler, (D) glass fibers, (E) an internal mold release agent, (F) a coupling agent, and (G) a curing agent, and in which, relative to a total of 100 parts by mass of the thermosetting resin (A) and the polymerizable unsaturated compound (B), the content of the inorganic filler (C) is 150 to 700 parts by mass, the content of the glass fibers (D) is 0.1 to 60 parts by mass, and the content of the coupling agent (F) is 1.4 to 20 parts by mass.

IPC 8 full level

H01L 23/29 (2006.01); **C08F 283/01** (2006.01); **C08K 3/00** (2018.01); **C08K 5/098** (2006.01); **C08K 5/5415** (2006.01); **C08K 7/14** (2006.01); **C08L 67/06** (2006.01); **H01L 23/31** (2006.01)

CPC (source: EP US)

B29C 45/0005 (2013.01 - US); **B29C 45/14467** (2013.01 - US); **C08F 283/01** (2013.01 - EP); **C08K 3/00** (2013.01 - EP); **C08K 5/098** (2013.01 - EP); **C08K 5/5415** (2013.01 - EP); **C08K 7/14** (2013.01 - EP); **C08L 67/06** (2013.01 - EP US); **C09K 3/10** (2013.01 - US); **H01L 23/295** (2013.01 - EP); **B29K 2067/06** (2013.01 - US); **B29K 2309/08** (2013.01 - US); **B29K 2505/02** (2013.01 - US); **B29K 2509/02** (2013.01 - US); **B29K 2705/00** (2013.01 - US); **B29L 2031/3406** (2013.01 - US); **C08L 2203/206** (2013.01 - US); **C09K 2200/0625** (2013.01 - US); **C09K 2200/0632** (2013.01 - US); **C09K 2200/0655** (2013.01 - US); **H01L 21/565** (2013.01 - EP); **H01L 23/3121** (2013.01 - EP); **H01L 23/552** (2013.01 - EP); **H01L 2924/3512** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3614425 A1 20200226; **EP 3614425 A4 20201209**; CN 110603637 A 20191220; JP WO2018193735 A1 20200227; US 2020123376 A1 20200423; WO 2018193735 A1 20181025

DOCDB simple family (application)

EP 18787536 A 20180306; CN 201880025673 A 20180306; JP 2018008504 W 20180306; JP 2019513256 A 20180306; US 201816605291 A 20180306